



RESTRICTED

U.S.S. AKA-107

BOOKLET OF GENERAL PLANS

BUREAU OF SHIPS NO.
AKA107-SO103-613058

SHEET NO. 1 OF 12

NO.	ORDER OF PLAN
1	COVER PAGE
2	GEN. DIMENSIONS & DATA
3	OUTBOARD PROFILE
4	INBOARD PROFILE
5	TOPS OF HOUSES, BRIDGE, BOAT & CABIN DECKS
6	GUN PLATFORM, POOP, FOC'S'LE & MAIN DECKS
7	SECOND DECK
8	THIRD DECK
9	PLATFORM
10	HOLD PLAN
11	INNER BOTTOM PLAN
12	TYPE CROSS SECTIONS

[illegible]

EXAMINED & FOUND CORRECT
AS A BOOKLET OF GENERAL PLANS *E. Schee*
DATE 3/15/46 FOR FIELD PRODUCTION SUPERINTENDENT

LIGHT DATA

NO.	KIND	LOCATION	HEIGHT ABOVE M.B.L.
1	FWD. ANCHOR LIGHT	JACKSTAFF-FO'C'SLE DK. - C.L.	72'-8"
1	STEERING LIGHT	JACKSTAFF-FO'C'SLE DK. - C.L.	62'-6"
2	BLINKER LIGHT	FOREMAST (YARDARM) - P & S	128'-5 $\frac{1}{2}$ "
2	SPEED & AIRCRAFT WARNING LIGHT	FOREMAST RADAR PLAT. - P & S	124'-6" (AB)
1	MASTHEAD LIGHT	FOREMAST - C.L.	111'-8"
2	RUNNING SIDE LIGHT	BRIDGE DK. - P & S	64'-3"
1	RANGE LIGHT	MAINMAST RADAR PLAT. - C.L. ^{60' 4" TO}	126'-8" ^{MAIN DECK.}
1	SPEED & AIRCRAFT WARNING LIGHT	MAINMAST RADAR PLAT. - C.L.	129'-6"
1	SCREENED SPEED LIGHT	AFT GUN PLAT. - C.L.	58'-10"
1	AFT ANCHOR LIGHT	ENGINE STAFF - POOP DK. - C.L.	52'-10"
1	WHITE STERN LIGHT	POOP DK. - C.L.	4'-6 $\frac{1}{2}$ " BEL. POOP
1	BLUE CONVOY LIGHT	POOP DK. - S.	6'-6 $\frac{1}{2}$ " " "
1	WAKE LIGHT	POOP DK. - C.L.	41'-10"
2	MAN OVERBOARD & BREAKDOWN LIGHT	FOREMAST - C.L.	108'-8" (120'-10")
1	UNDERWATER TASK LIGHT	FOREMAST - C.L.	114'-9"

HORIZ. DIST. BET. RANGE & MASTHD. LTS. - 183'-3"

* MEASURED DIMENSION

BOATS

NO.	TYPE & LOCATION	DIMENSIONS	CAPACITY
2	L.C.V.P. - BRIDGE DK. FRGS. 108-117 - P & S	36'-0"	40 EACH
4	L.C.V.P. - BOAT DK. FRGS. 108-117 - P & S	36'-0"	40 EACH
2	L.C.P.L. - MAIN DK. FRGS. 22-33 - C.L.	36'-0"	40 EACH
2	L.C.V.P. - MAIN DK. FRGS. 96-99 - C.L.	36'-0"	40 EACH
2	L.C.M. - MAIN DK. FRGS. 46-59 - C.L.	56'-0"	120 EACH
2	L.C.V.P. - MAIN DK. FRGS. 73-86 - C.L.	3'-0"	40 EACH
2	L.C.M. - MAIN DK. FRGS. 73-86 - C.L.	56'-0"	120 EACH
2	L.C.V.P. - MAIN DK. FRGS. 122-136 - C.L.	36'-0"	40 EACH
2	L.C.M. - MAIN DK. FRGS. 122-136 - C.L.	56'-0"	120 EACH
2	L.C.V.P. - MAIN DK. FRGS. 147-161 - C.L.	36'-0"	40 EACH
2	L.C.M. - MAIN DK. FRGS. 147-161 - C.L.	50'-0"	120 EACH
TOTAL			1280

LIFE RAFTS

NO.	CAPACITY	LOCATION	DIMENSIONS	TOTAL
6	15 EACH	MAIN DK. FRS. 19 - 20	- P & S	90
12	15 EACH	BRIDGE FRS. 92 - 93	- P & S	180
4	15 EACH	BOAT DK. FRS. 119 - 122	- P & S	60
6	15 EACH	MAIN DK. FRS. 140 - 143	- P & S (S)	90
6	15 EACH	MAIN DK. FRS. 161 - 164 1/2	- P & S	90
4	15 EACH	MAIN DK. FRS. 161 - 164 1/2	- P & S	60
TOTAL				480

PRINCIPAL DIMENSIONS

LENGTH OVERALL	459'-0 3/8"
LENGTH BETWEEN PERPENDICULARS	435'-0"
BEAM MOULDED	63'-0"
BEAM EXTREME	63'-1 5/8"
DEPTH OF MAIN DK. (AT SIDE)	40'-0"
L.W.L. (FORD)	25'-9"
L.W.L. (AFT.)	27'-0"
HGT. OF SP-4 RADAR ON FORECAST ADV. BOOM TOWER PLATE.	31'-4"
HGT. OF AN/SP-5C RADAR ANT ON MAINMAST	K 39'-4"

* MEASURED DIMENSION
(APPROX. 140-0" A.B.L.)

LOCKERS

LOCATION	TYPE A	TYPE B-1			TYPE B-2		TYPE D			NO. OF INDIV. LKRS	PEA COAT	BL
		HIGH	2HIGH	3HIGH	HIGH	2HIGH	HIGH	2HIGH	3HIGH			
		56 DB	54DB	56DB	56DB	56 DB	56DB	56 DB	56 DB			
BOAT DK. - FRS. 92-115 - P & S												1
CABIN DK. FRS. 93-118 - P & S												1
MAIN DK. FRS. 88-107 - STBD.	18									18		1
2ND DX. FRS. 66-141 - P & S				96		17				34-0	8	

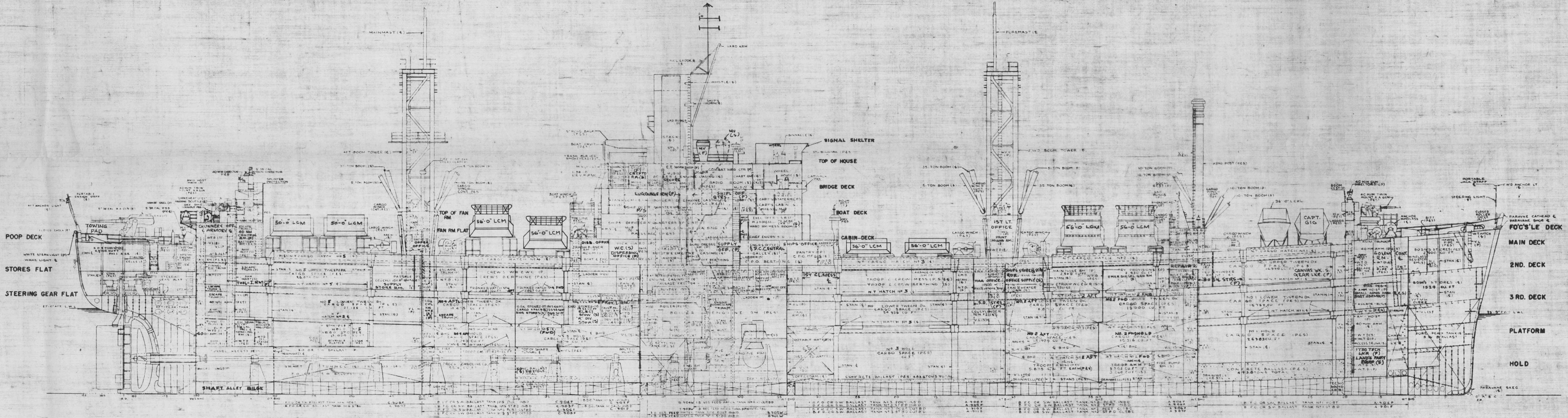
ACCOMMODATIONS

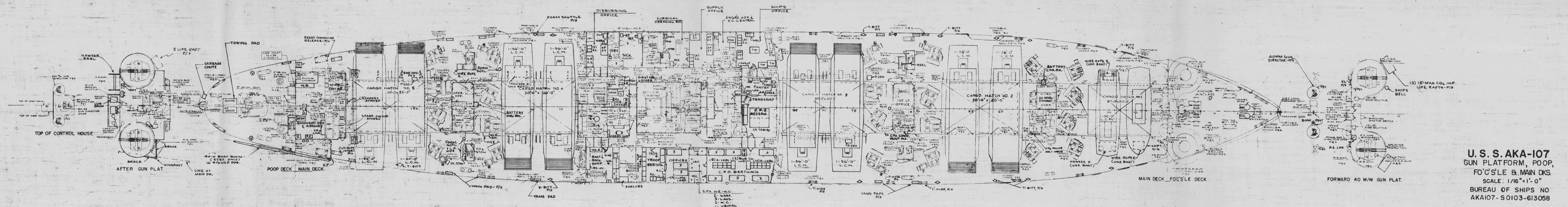
LOCATION	SHIPS OFF'S	C. P.O'S	CREW	TROOP OFF'S	WARRANT OFF'S	TROOPS	TOTAL
BOAT DK. - FRS. 92-115 - P & S	16						16
CABIN DK. FRS. 93-118 - P & S	22						22
MAIN DK. FRS. 88-111 - STBD		18		9			27
2ND. DK. FRS. 66-141 - P & S			268				268
TOTAL	38	18	268	9			333

FIRE PLUGS

DECK	FRAME	P OR S.	DECK	FRAME	P. OR S.
BRIDGE	102	P & S	2ND DK.	122-123	S
BOAT	94-95	P	2ND DK.	139	P & S
BOAT	99-100	S	2ND DK.	170	S
CABIN	93	P & S	HOLD	43-45	S
CABIN	108	P	HOLD	99	P & S
MAIN	19	P & S	HOLD	103	S
MAIN	41-44	P	HOLD	105	P
MAIN	88-89	P & S	HOLD	108	P
MAIN	97-98	P	HOLD	138-139	P
MAIN	104	S			
MAIN	120-121	P & S			
MAIN	136-138	P			
MAIN	164-165	P & S			
2ND DK.	16	S			
2ND DK.	47-48	P			
2ND DK.	63-64	P			
2ND DK.	66-67	S			
2ND DK.	90-91	P			
2ND DK.	97	S			

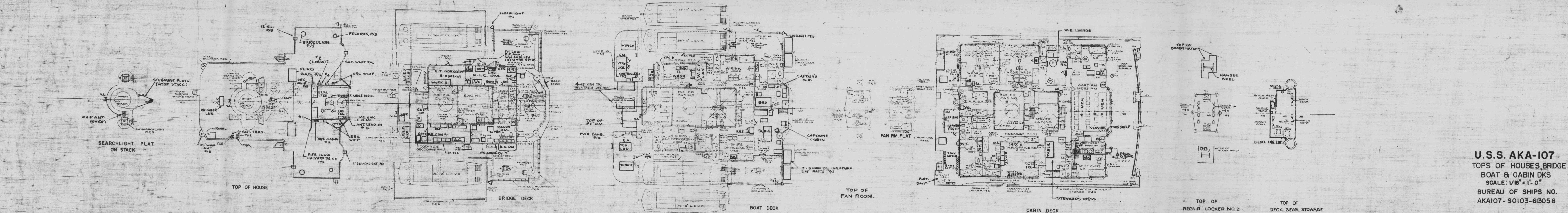
U. S. S. AKA-107
GEN. DIMENSIONS & DATA
SCALE: 1/16" = 1' - 0"
BUREAU OF SHIPS NO.
AKA107- S0103-61 3058



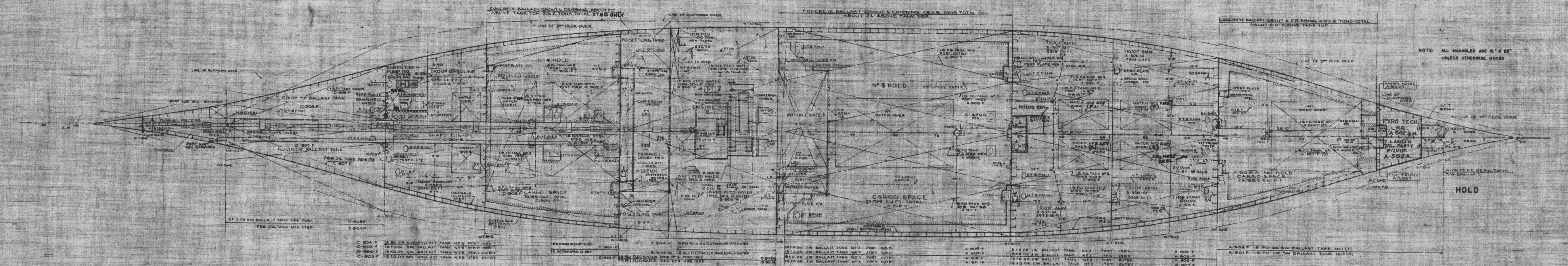
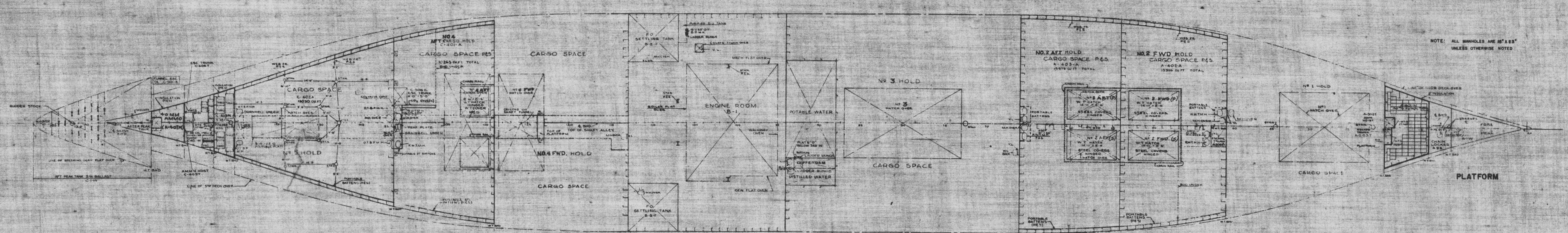


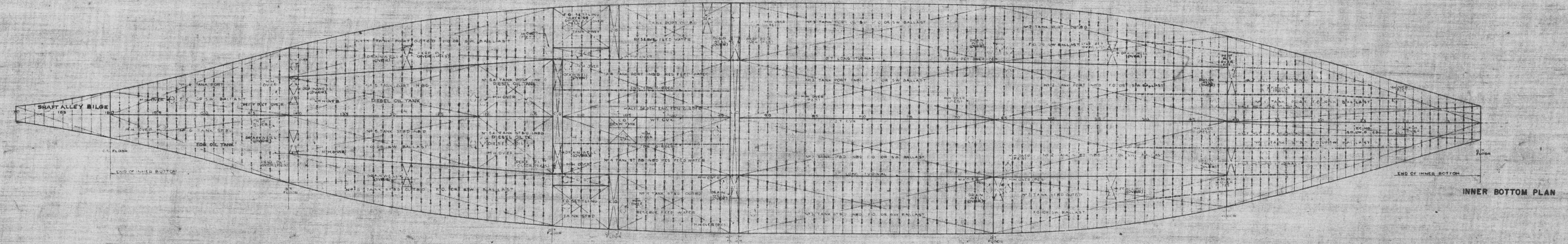
SHEET 6 OF 12

COX & STEVENS DWG. NO. M-893-F-SO103-24

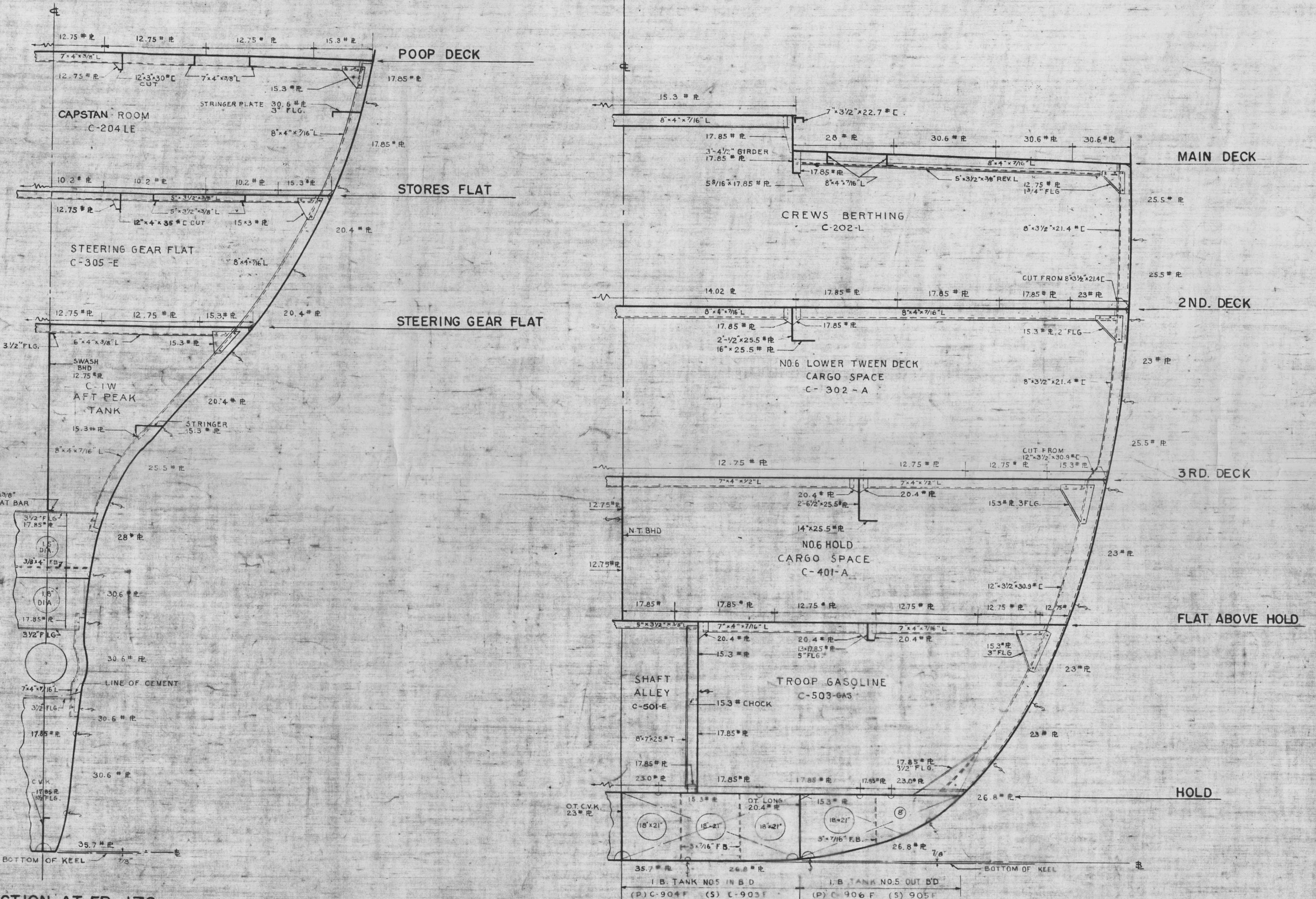


SHEET 5 OF 12



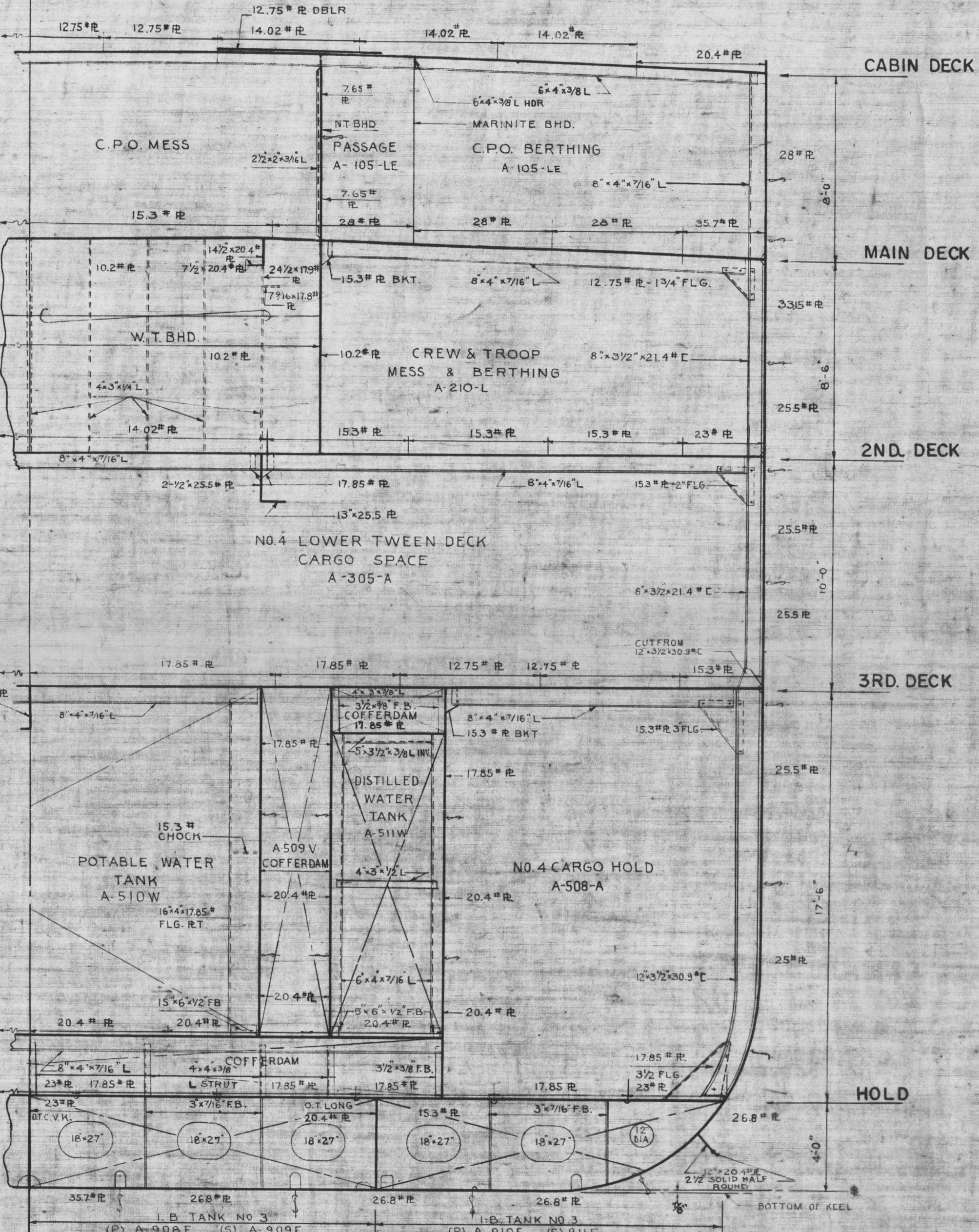


INNER BOTTOM PL

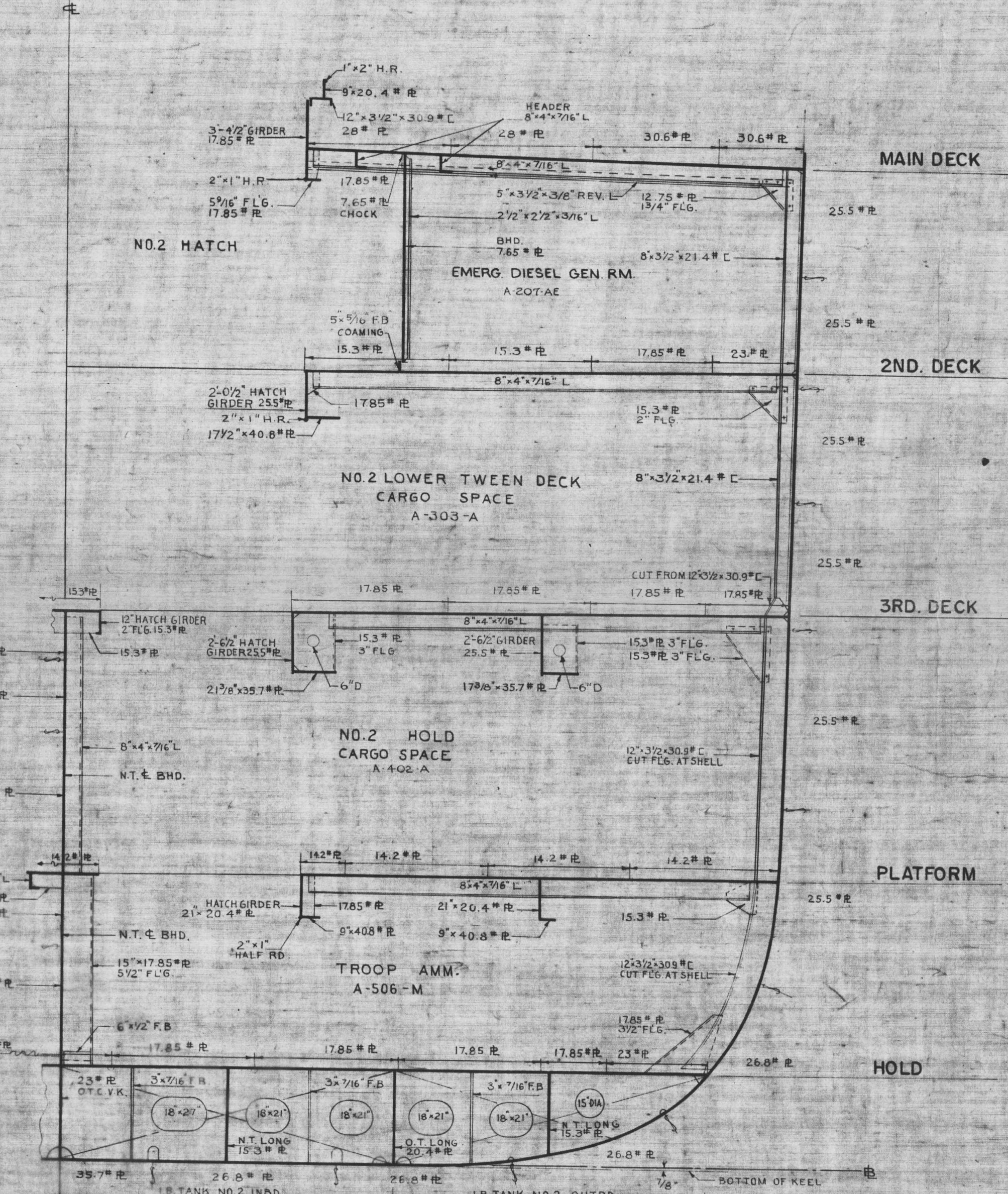


SECTION AT FR. 172

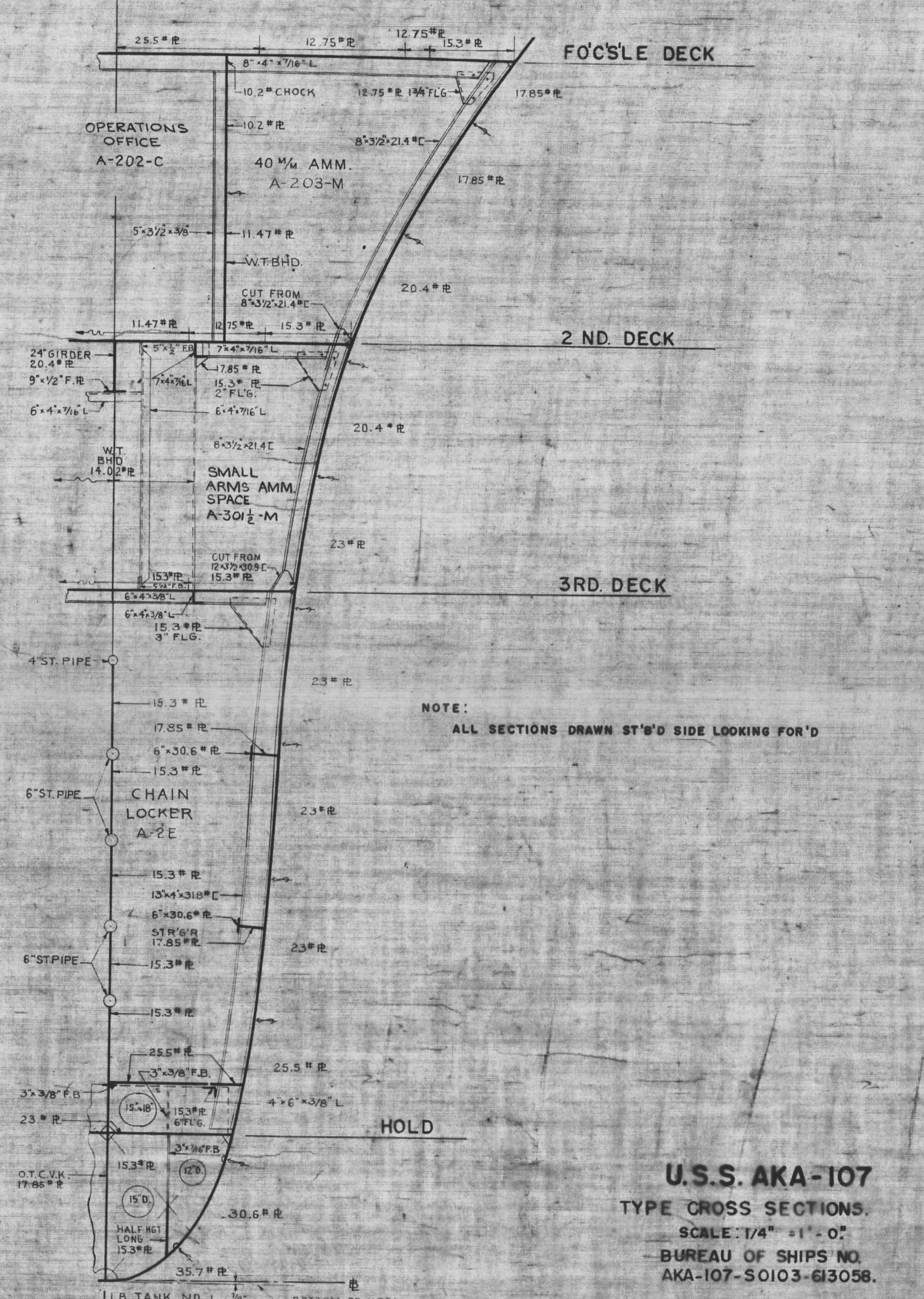
SECTION AT FR. 137



SECTION AT FR. 92



SECTION AT FR. 52



SECTION AT FR. 12

NOTE:
ALL SECTIONS DRAWN ST'D SIDE LOOKING FOR'D

U.S.S. AKA-107
TYPE CROSS SECTIONS.
SCALE: 1/4" = 1'-0"
BUREAU OF SHIPS NO.
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